

Fig 1

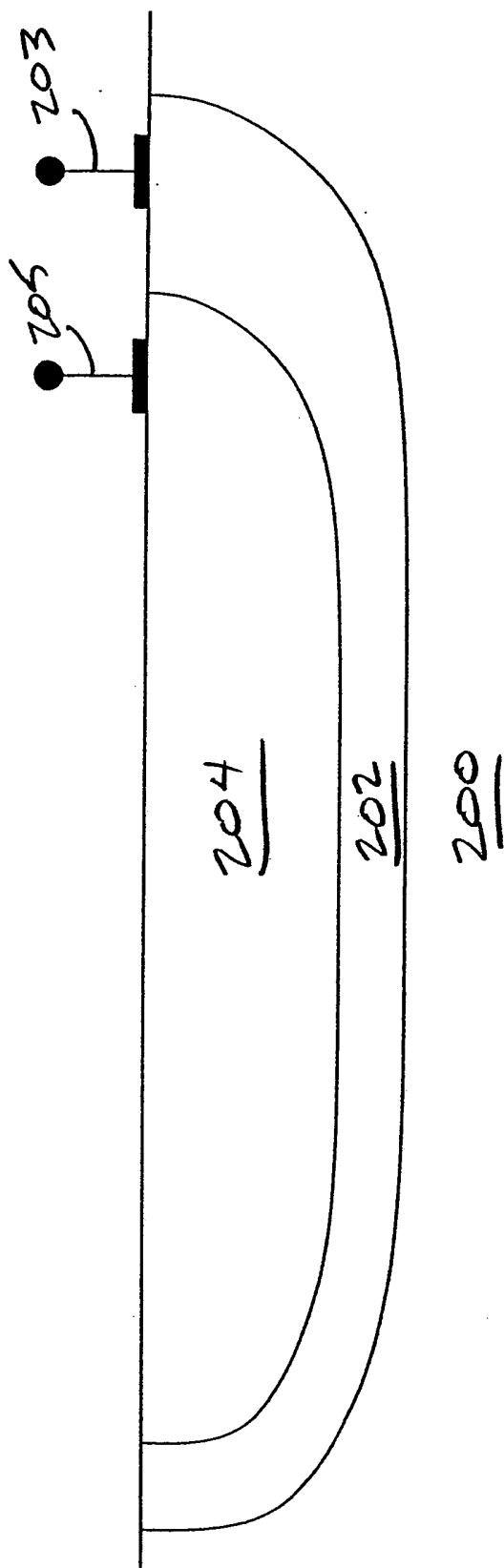
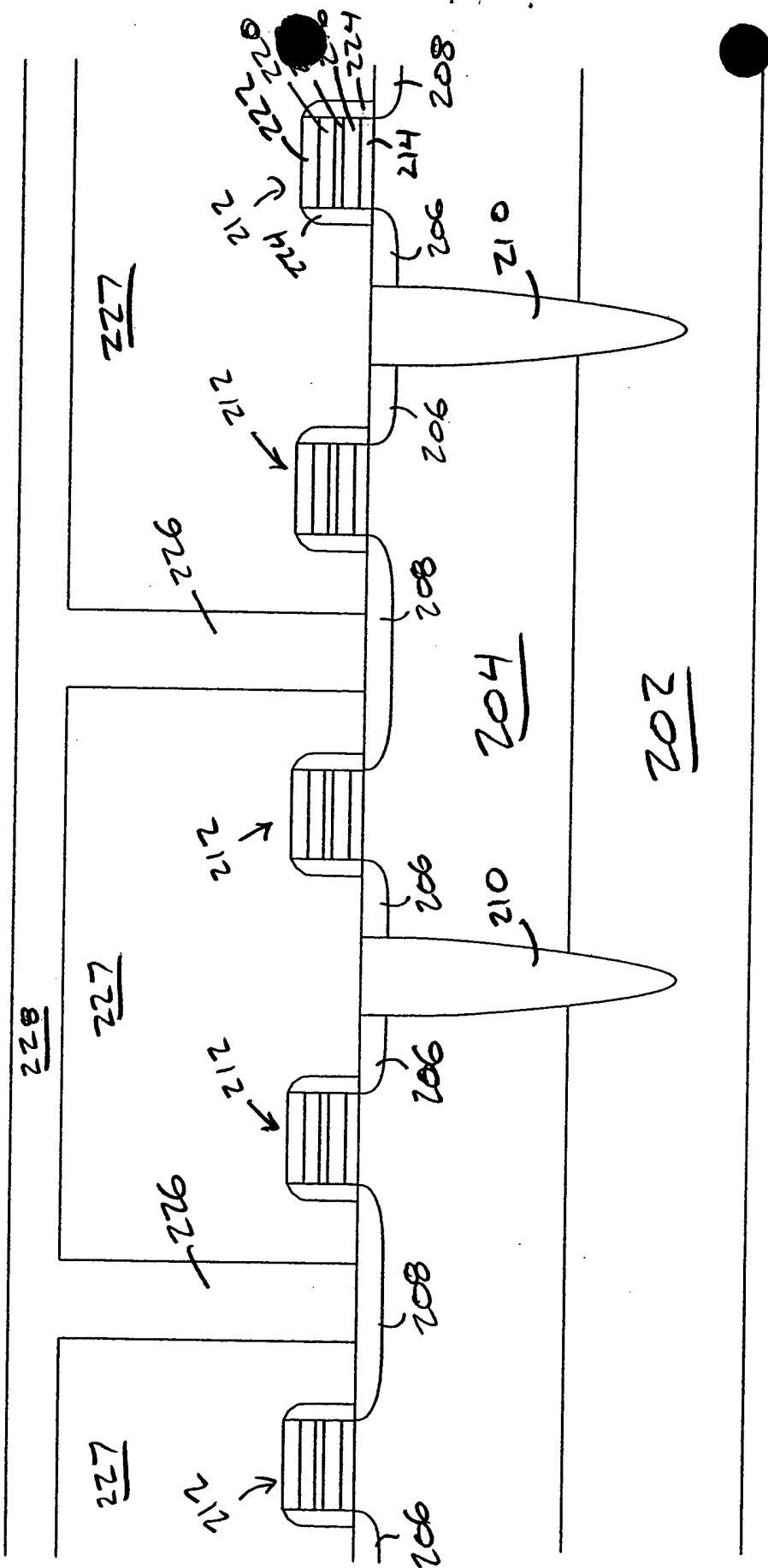


Fig 2A

Sample	Time (min)	Temperature (°C)	Pressure (atm)	Flow Rate (L/min)	Detector Response
1	10.0	100	1.0	0.5	0.1
2	15.0	120	1.0	0.5	0.2
3	20.0	140	1.0	0.5	0.3
4	25.0	160	1.0	0.5	0.4
5	30.0	180	1.0	0.5	0.5
6	35.0	200	1.0	0.5	0.6
7	40.0	220	1.0	0.5	0.7
8	45.0	240	1.0	0.5	0.8
9	50.0	260	1.0	0.5	0.9
10	55.0	280	1.0	0.5	1.0
11	60.0	300	1.0	0.5	1.1
12	65.0	320	1.0	0.5	1.2
13	70.0	340	1.0	0.5	1.3
14	75.0	360	1.0	0.5	1.4
15	80.0	380	1.0	0.5	1.5
16	85.0	400	1.0	0.5	1.6
17	90.0	420	1.0	0.5	1.7
18	95.0	440	1.0	0.5	1.8
19	100.0	460	1.0	0.5	1.9
20	105.0	480	1.0	0.5	2.0
21	110.0	500	1.0	0.5	2.1
22	115.0	520	1.0	0.5	2.2
23	120.0	540	1.0	0.5	2.3
24	125.0	560	1.0	0.5	2.4
25	130.0	580	1.0	0.5	2.5
26	135.0	600	1.0	0.5	2.6
27	140.0	620	1.0	0.5	2.7
28	145.0	640	1.0	0.5	2.8
29	150.0	660	1.0	0.5	2.9
30	155.0	680	1.0	0.5	3.0
31	160.0	700	1.0	0.5	3.1
32	165.0	720	1.0	0.5	3.2
33	170.0	740	1.0	0.5	3.3
34	175.0	760	1.0	0.5	3.4
35	180.0	780	1.0	0.5	3.5
36	185.0	800	1.0	0.5	3.6
37	190.0	820	1.0	0.5	3.7
38	195.0	840	1.0	0.5	3.8
39	200.0	860	1.0	0.5	3.9
40	205.0	880	1.0	0.5	4.0
41	210.0	900	1.0	0.5	4.1
42	215.0	920	1.0	0.5	4.2
43	220.0	940	1.0	0.5	4.3
44	225.0	960	1.0	0.5	4.4
45	230.0	980	1.0	0.5	4.5
46	235.0	1000	1.0	0.5	4.6
47	240.0	1020	1.0	0.5	4.7
48	245.0	1040	1.0	0.5	4.8
49	250.0	1060	1.0	0.5	4.9
50	255.0	1080	1.0	0.5	5.0
51	260.0	1100	1.0	0.5	5.1
52	265.0	1120	1.0	0.5	5.2
53	270.0	1140	1.0	0.5	5.3
54	275.0	1160	1.0	0.5	5.4
55	280.0	1180	1.0	0.5	5.5
56	285.0	1200	1.0	0.5	5.6
57	290.0	1220	1.0	0.5	5.7
58	295.0	1240	1.0	0.5	5.8
59	300.0	1260	1.0	0.5	5.9
60	305.0	1280	1.0	0.5	6.0
61	310.0	1300	1.0	0.5	6.1
62	315.0	1320	1.0	0.5	6.2
63	320.0	1340	1.0	0.5	6.3
64	325.0	1360	1.0	0.5	6.4
65	330.0	1380	1.0	0.5	6.5



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Fig 2B

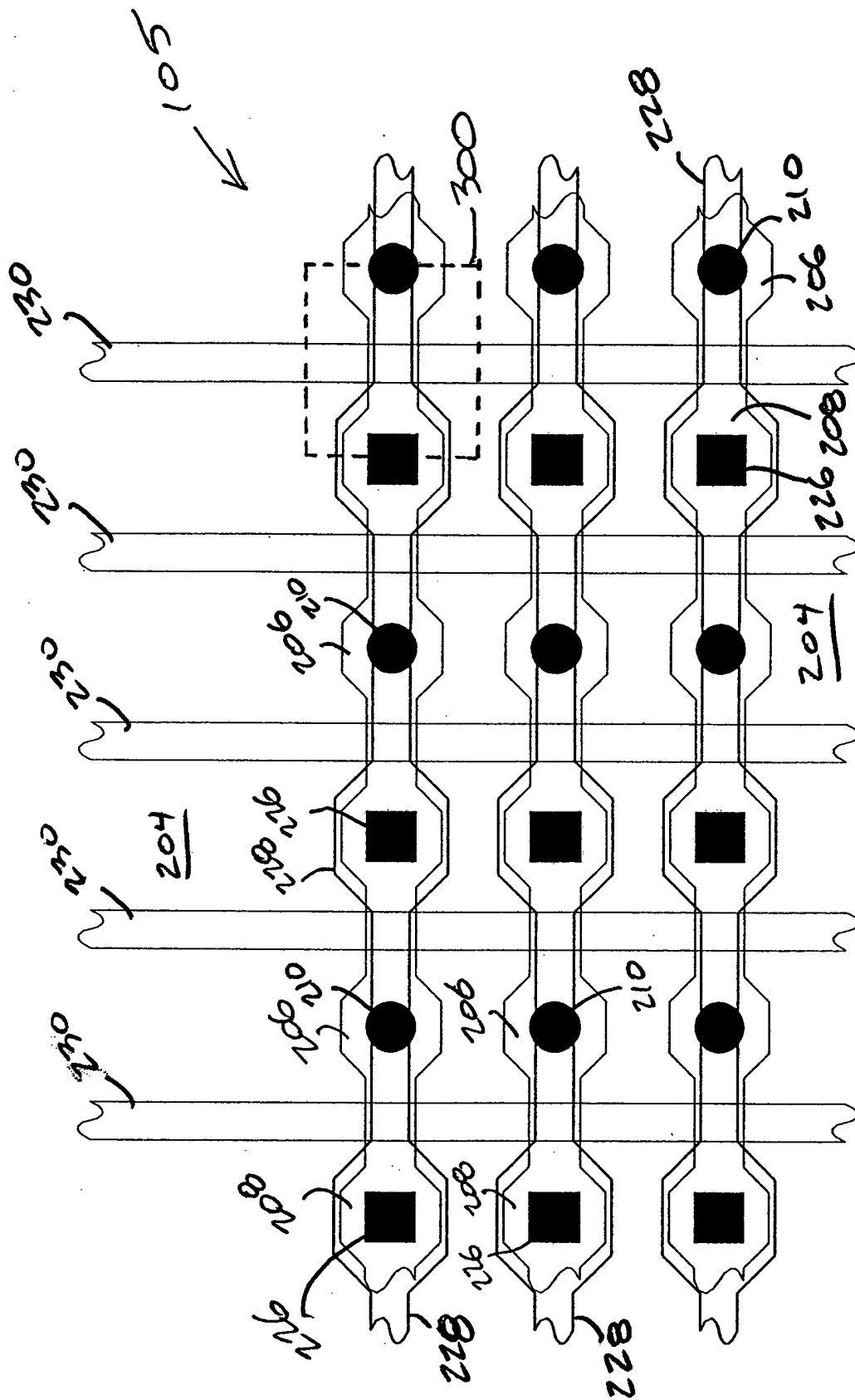
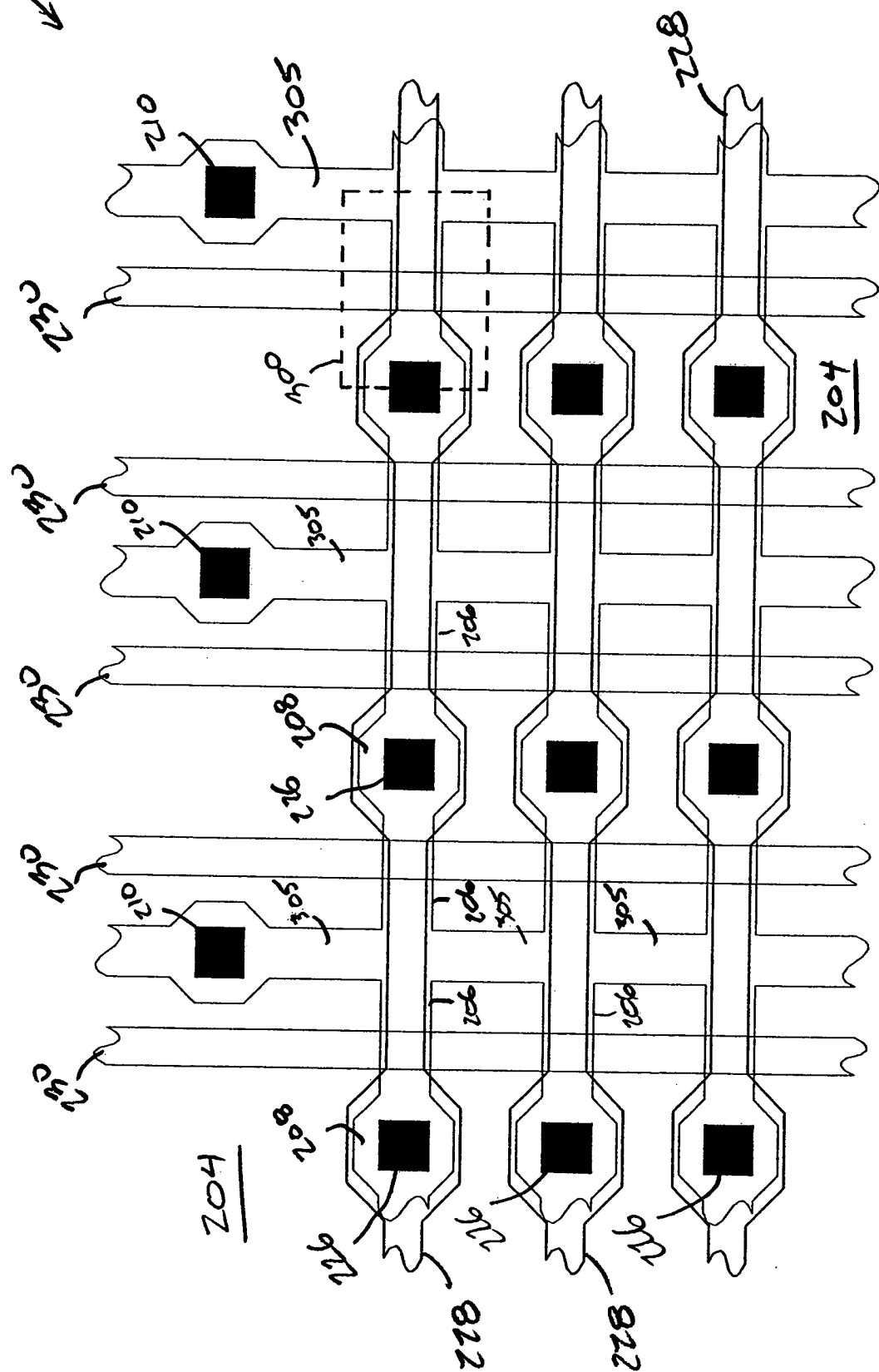
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Fig 3A

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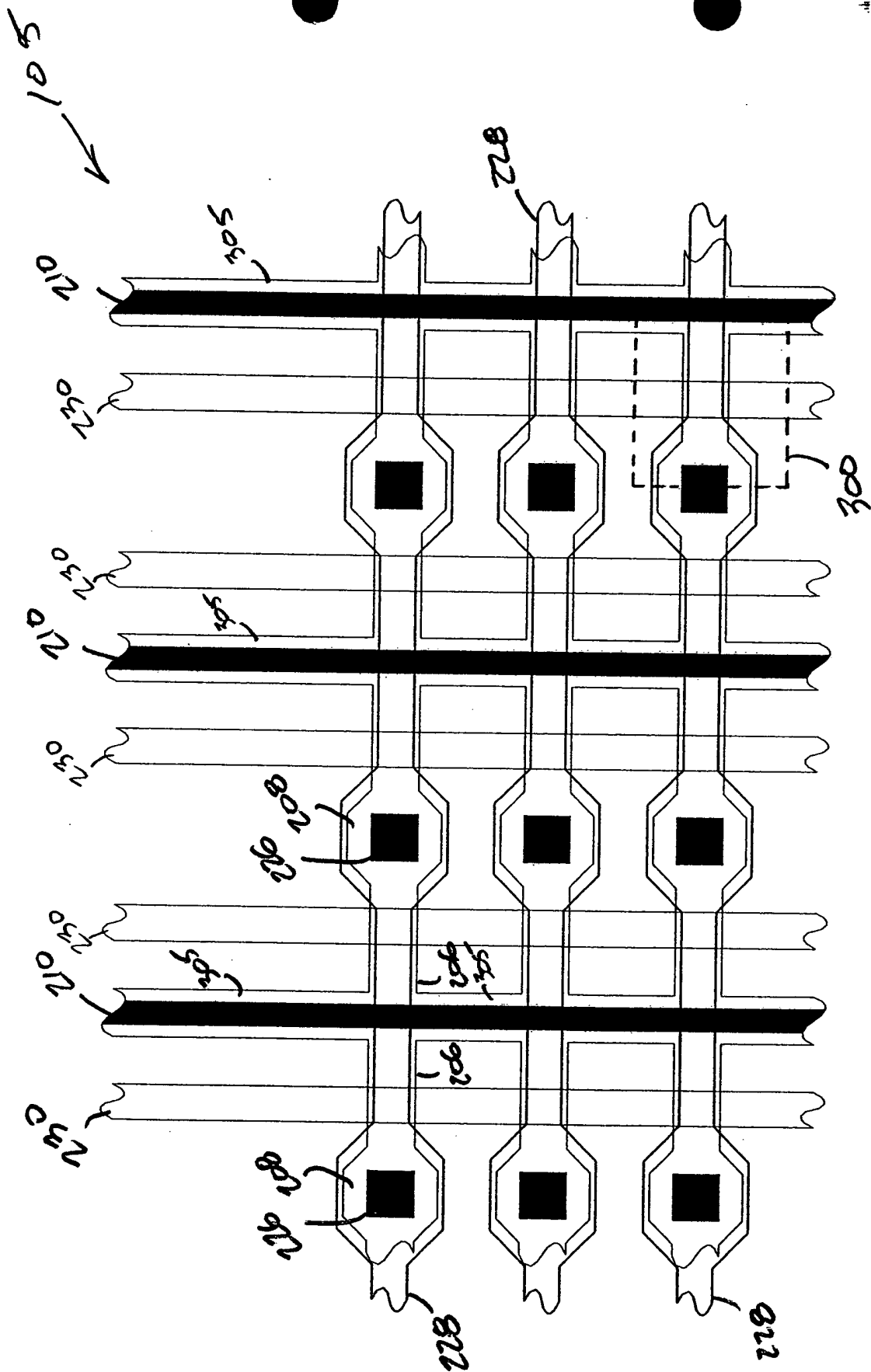


Fig 3C

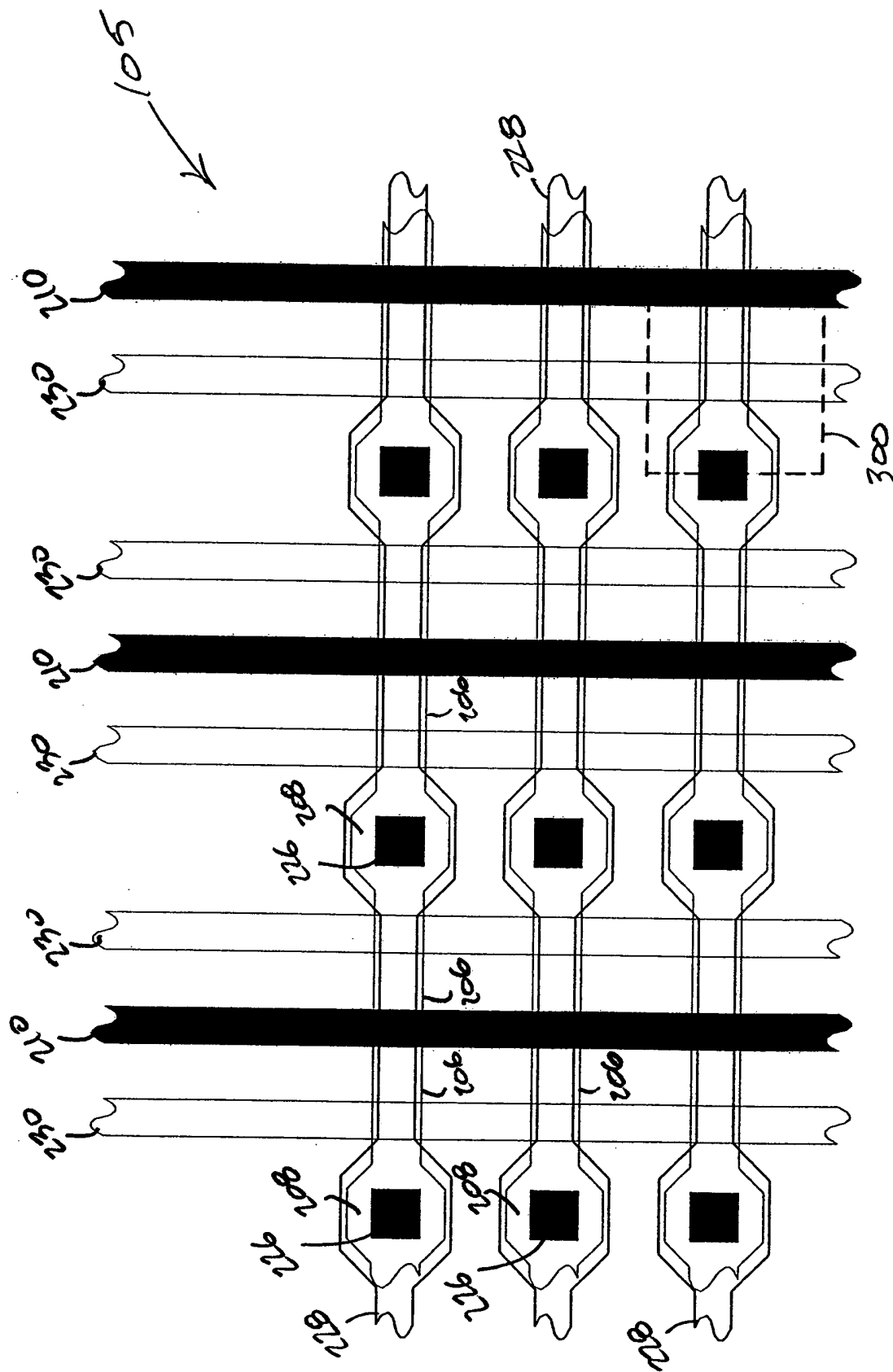


FIG 3D